

SWP Water Quality Summary

July 11 to August 8, 2007

Total Dissolved Solids: This month's data show TDS decreasing at all stations except at Banks Pumping Plant (BPP) and Vallecitos where they ranged from 122 to 231 mg/L. TDS at all locations remained below the Article 19 Monthly Average Objective of 440 mg/L. The highest concentration of 231 mg/L occurred at BPP while the lowest concentration of 122 mg/L occurred at Vallecitos on August 8, 2007. Concentrations increased from 143 to 231 mg/L this month at BPP.

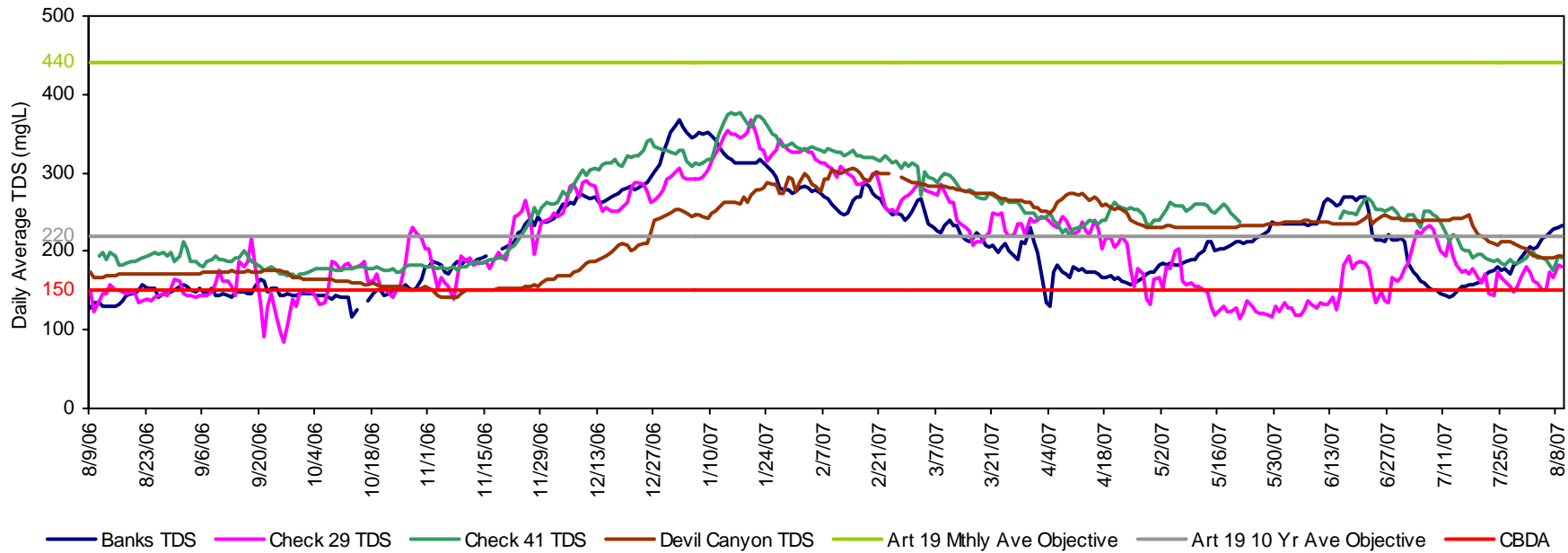
Bromide: Concentrations exceeded the CBDA Objective of 0.05 mg/L at all locations except at Barker Slough and they ranged from 0.05 to 0.17 mg/L. Barker Slough had the lowest concentration of 0.05 mg/L, followed by Check 29 with 0.11 mg/L while the highest concentration of 0.17 mg/L occurred at BPP and Vallecitos. The concentration at BPP increased from 0.07 to 0.17 mg/L as of August 8, 2007.

Turbidity: Turbidity levels this month ranged from 2 to 55 NTU. The highest increase of 79 NTU occurred at Barker Slough on July 21, 2007. The lowest concentration of 2 NTU occurred at Devil Canyon on August 8, 2007. Turbidity at BPP peaked at 44 NTU on July 17, 2007 but later leveled off and ended at 18 NTU on August 8, 2007.

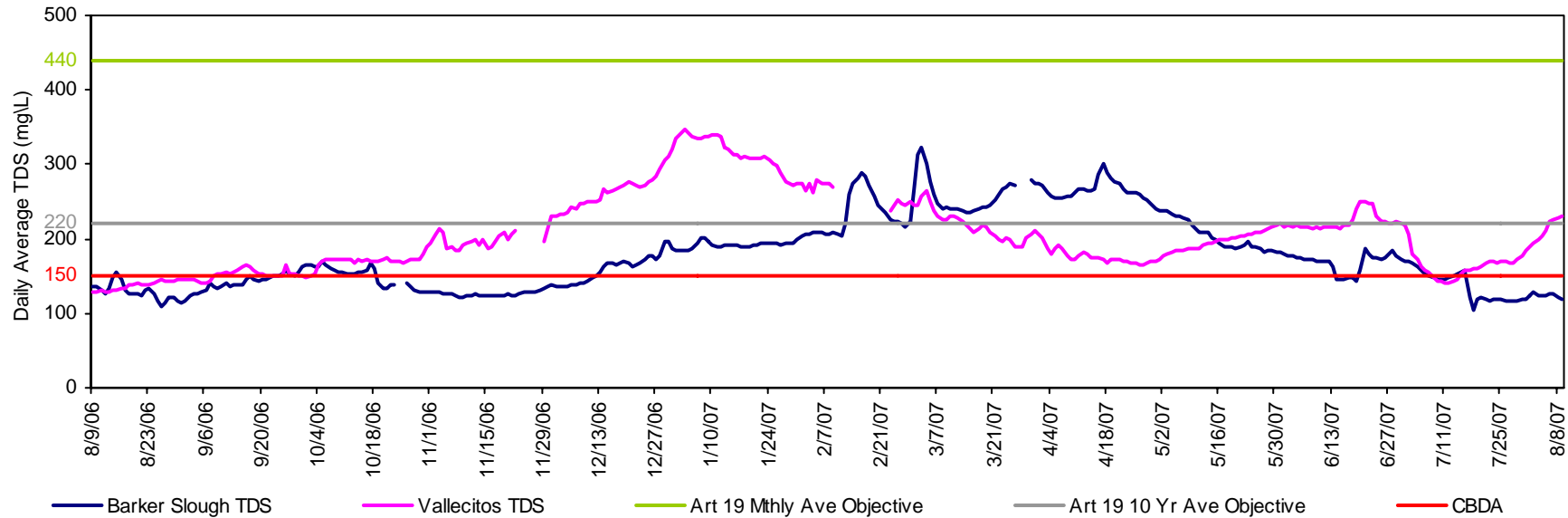
Dissolved Organic Carbon: Concentrations at BPP, Check 13 and Edmonston were below the CALFED TOC Objective of 3.0 mg/L. Concentrations at BPP increased slightly from 2.3 to 3.0 mg/L while at Check 13 and Edmonston, concentrations decreased from 2.9 to 2.4 mg/L and from 2.6 to 2.3 mg/L, respectively on August 8, 2007.

Taste and Odor Compounds: MIB and geosmin were generally moderate to low project wide, from May to present. However, values at Lake Perris and Silverwood Lake ranged from 2 to 11 ng/L. The only exception was at Castaic Lake, where geosmin concentration was 84 ng/L on July 30, 2007.

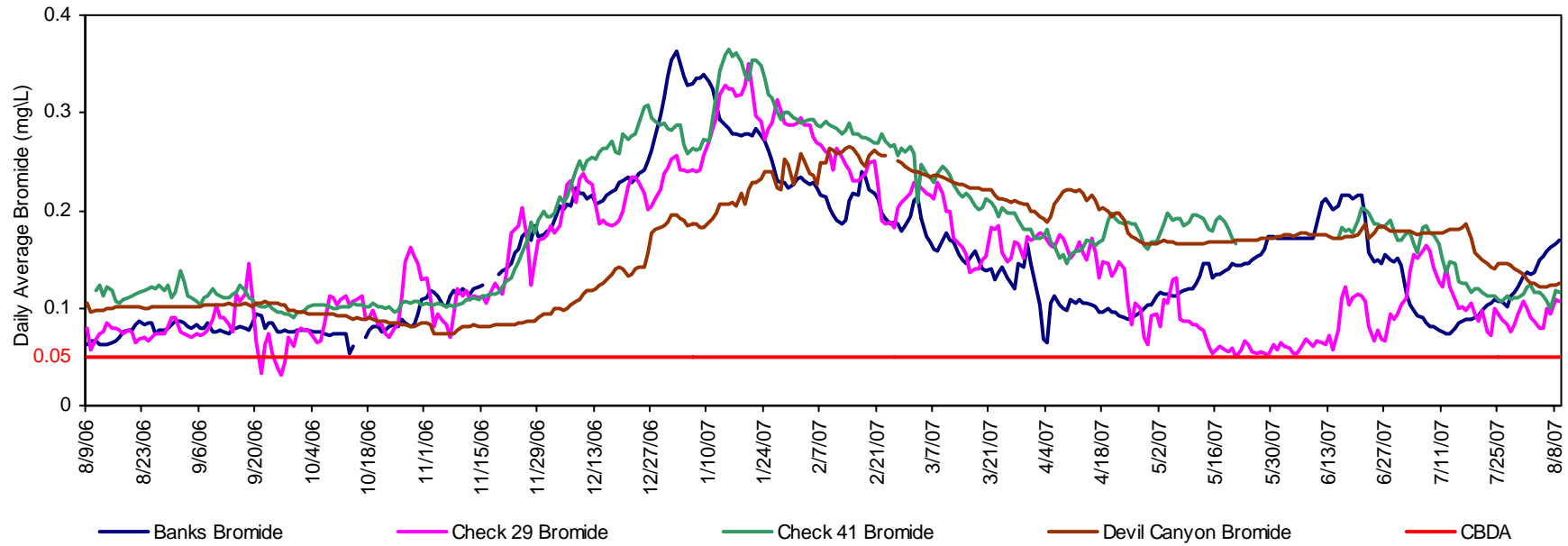
California Aqueduct - Calculated Total Dissolved Solids



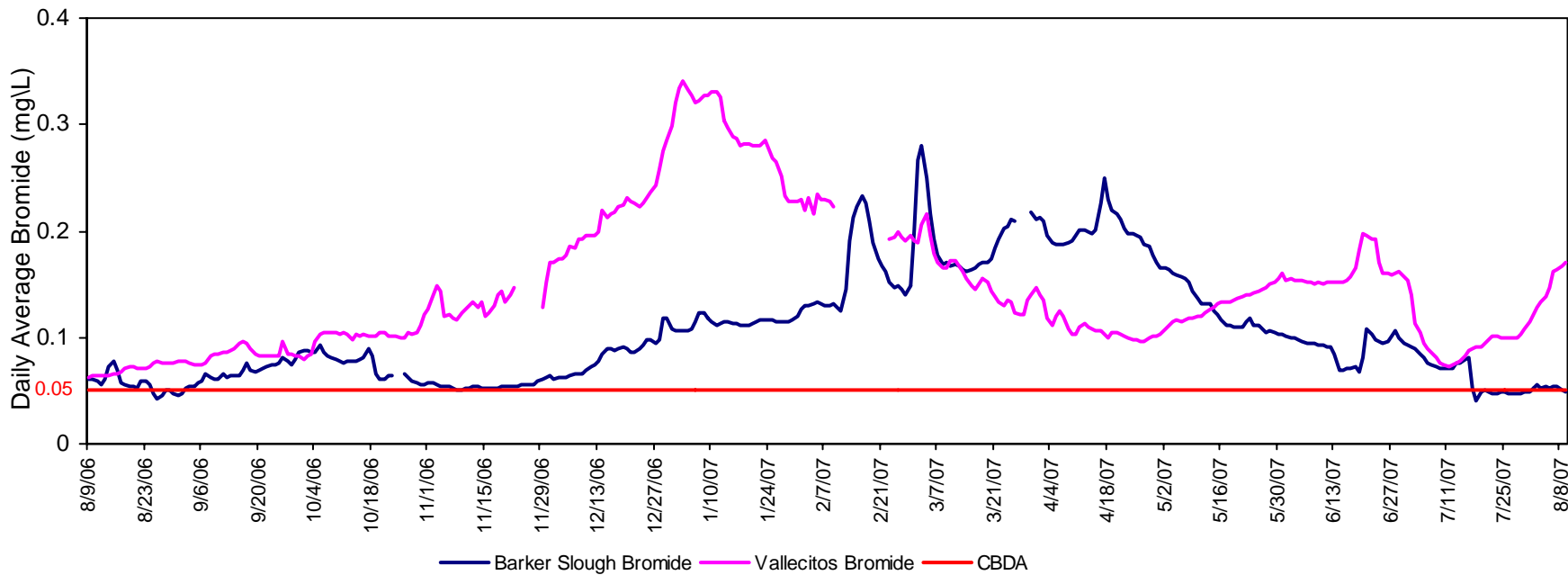
North and South Bay Aqueduct - Calculated Total Dissolved Solids



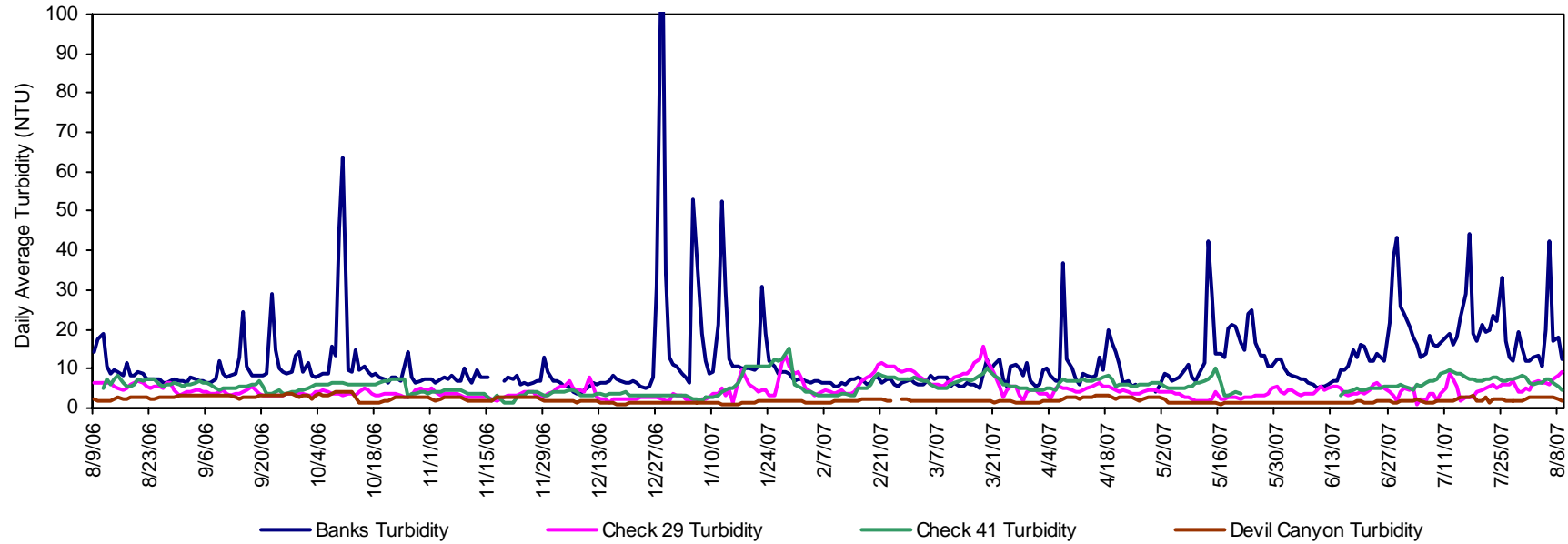
California Aqueduct - Calculated Bromide



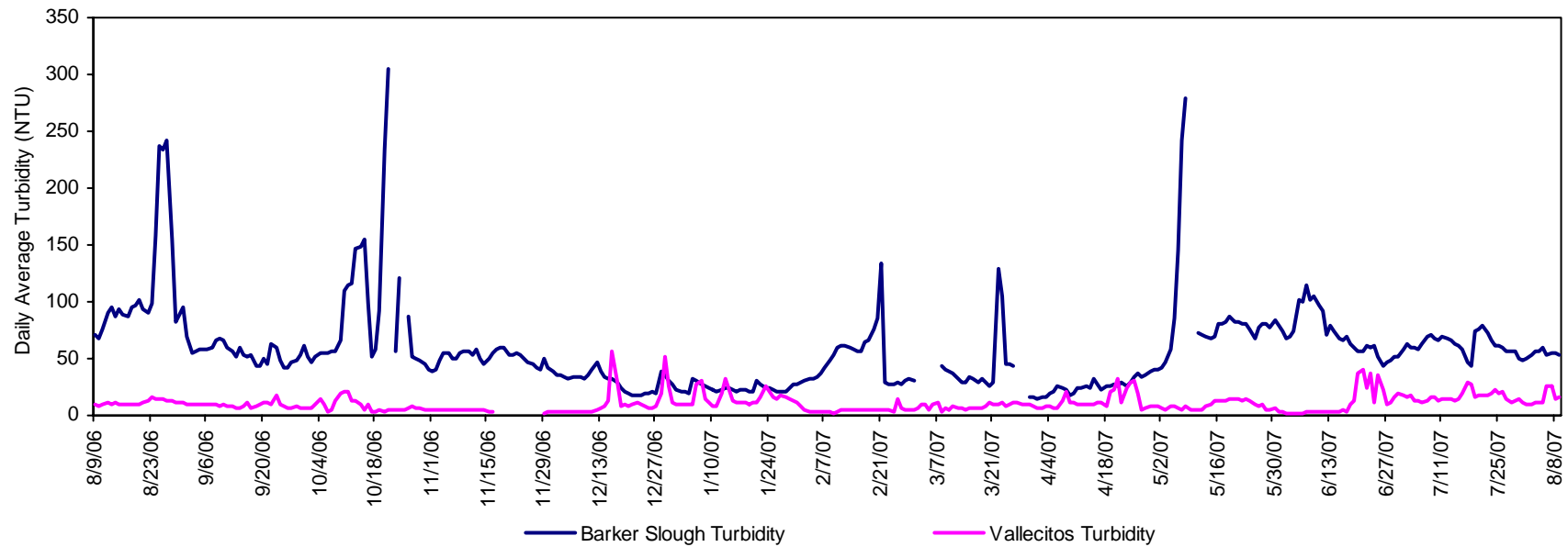
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct Calculated Dissolved Organic Carbon

